

*B3*

resources for completing operating sequences is disclosed wherein, from a set of resources available for implementing specified operating sequences, at least one resource available for implementing an operating sequence in case of an event occurring or existing at a point in time is checked for its suitability and immediate or future availability for one of the operating sequences to be performed. If the resource is suitable, it is deployed and activated. --.

**IN THE CLAIMS:**

Cancel claims 1, 4, 6-8, 10, 12-14, and 17-18.

Add the following new claims:

*Sub A1*

*B4*

*B*

21. Process for situation-related deployment or activation of resources for completion of jobs, where ongoing optimization-simulation from a series of resources available for executing specified jobs occurs in such a manner that:

in the case of an event occurring or existing at a point in time, resources relevant to this event are checked for their suitability and immediate or future availability for jobs to be prioritisedly executed;

on an ongoing basis, taking into account the entire situation and using criteria necessary for executing jobs, first ~~optionally~~ determines the optimal job sequence at each

*Sub  
P1*

point in time for each resource, in order to subsequently either:

select an available resource for the best possible job at the time of its availability to deploy the resource and then to activate it for executing the job, or,

to select an already activated resource for a job of higher priority, using criteria functional to the jobs, to deploy the resource and then to activate it for executing the job.

*P4*

22. Process in accordance with claim 21

characterized by the fact that,

after occurrence of an event, from stored master data independently a check is made for their relevance to the event and in the case of positive results, the resources are made available for deployment decision with event-related data.

23. Process in accordance with claim 21

characterized by the fact that,

resources, when they are available and have been intended or set up to generate a corresponding message which is evaluated by optimization-simulation for generation of a deployment decision.

*B2*

24. Process in accordance with claim 21  
characterized by the fact that,  
the resources in each case generate a message at  
commencement of their availability and at the end of one of  
the jobs which they have carried out and in the case of  
interruption information as well as of unscheduled  
interruption and upon lapse of availability.

25. Process in accordance with claim 21  
characterized by the fact that,  
through optimization-simulation, dynamic priorities all  
optional jobs are constantly being determined for the period  
of time selected and taking into account current job and  
resource properties at the time of availability notice of the  
resources deployment decisions are made independently and the  
selected jobs are forwarded to such resources for execution.

26. Process in accordance with claim 21  
characterized by the fact that,  
the deployment decision for activation of resources can  
be suspended by retraction of the necessary conditional data  
required for resource activation.

27. Process in accordance with claim 21

characterized by the fact that,  
jobs for resources can be canceled by input of  
corresponding data and their processing by means of  
optimization-simulation.

28. Process in accordance with claim 21  
characterized by the fact that,  
the resources are divided up into classes according to  
their properties for executing jobs.

29. Process in accordance with Claim 28,  
characterized by the fact that,  
each resource has at least one main class relating to its  
particular suitability for the operating sequence in question  
and possibly also sub-classes relating to at least less  
suitability for a job than at least another resource, which is  
allocated to the main class for this operating sequence.

30. Process in accordance with claim 21  
characterized by the fact that,  
as criteria for optimization, costs and/or meeting  
deadlines and/or work load and/or quality of the job are  
selected.